

Regulating the operation of an internal combustion engine, involves determining a revolution rate signal and transforming it into an angular frequency range using a Hartley transformation

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Abstract of DE10235665

The method involves a regulating device (2) sampling signals (3), frequency analysis (5) in a following device and cylinder classification (7) in a further device, determining a revolution rate signal and transforming it into an angular frequency range using a Hartley transformation. Smooth engine running regulation is carried out by detecting and regulating rough running. Independent claims are also included for the following: (a) a device for regulating the operation of an internal combustion engine (b) and an internal combustion engine in a motor vehicle with an inventive regulating device.

